TOO YEARS

CalculationCoverSheet

PBPower

303SecondStreet,Suite700North SanFrancisco,CA94107 415-281-8700 Fax:415-281-8707

project:	CosumnesPowe	rPlant	jobno.:	13578A	discipline:	Civil(I	М)	
subject:	CrestedWeirDes	ign			calculationno.:	C-2		
originator:	EMorrisMcClung		date:	4/24/02	fileno.:			
checker:			date:		Sheet1ofSheets	s3 <u> </u>		
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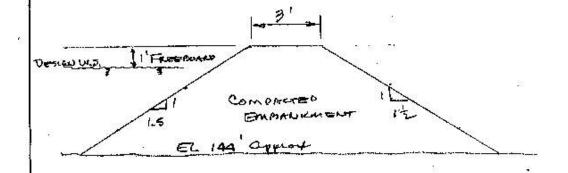
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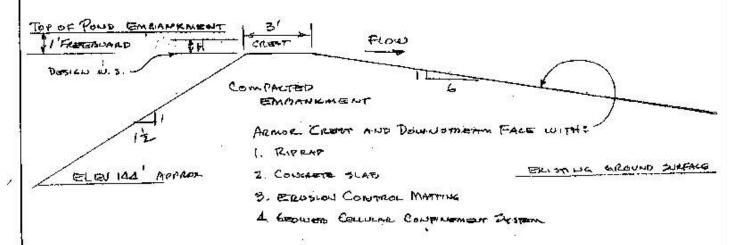
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Assume:

- DESCHARGES UP TO 0.83 CES WILL FLOW OUT OF THE DETENTION POND THROUGH A PIPE.
- 2. DISCHARGES NI. 0.83 CF3 OR A 113,300 FT3 WILL FLOW OUT OF THE DETENTION POND OVER A BROAD CRESTED WEIR.
- 3. DETENTION POND FREEDOARD WILL BE / FOOT:
- 4. SUGGESTED MINIMUM SECTION OF DETENTION POND EMPANKAGUT.



5. SUGGESTED BLOOD CRESTED WELL SECTION.



PARSONS BRINCKERHOFF COMPUTATION SHEET

Subject SMUD- COSUMNES POWER PLANT STORMWATER DEFENTION POND OUTLET PIPE SIZE

Pipe	₩.	ŧ	<u>+</u>	_	12-4		# - 1		H A=A	- - -
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න ස	1696'0	かしか	70°	707	11.35	282	13.90	3.49	اد.ه<	4.03
5 .)	8.1463	24.0	8.07	9	14.35	[.47]	(3%)	1.80	yorn)	2.08
۶.	0.1364	40	50.8	19.0	6.35	36	(3.90	1.18	Soll	<u>z</u> (
* 4	6.0873	9.56	20.8	6.0	11.35	0,55	(7.90	0.63	16.05	0.18

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W.S.